

CUSHION STOP AND METHOD FOR ABSORBING
BIDIRECTIONAL IMPACT OF SNOW PLOW BLADE TRIPPING

ABSTRACT OF THE DISCLOSURE

5 An improved snow plow for use with light and medium duty trucks is disclosed which has an impact-absorbing mechanism which absorbs the shocks of both the tripping of the snow plow blade upon striking an object and the spring-biased return of the snow plow
10 blade to its original position. Impact-absorbing members made of a polymeric material are mounted in pockets contained in the pivot support structure of the snow plow blade support structure, and portions of the snow plow blade frame impact the impact-absorbing
15 members prior to the snow plow blade reaching either a tripped position or a trip return position. The impact-absorbing members are highly resistant to damage even when absorbing large shocks caused by substantial impacts, and are easily replaceable when
20 their lifetime has been expended.